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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. 16321-US	
In Re Application Of: Brent DUCKERING, et al.				
Serial No. <b>10/776,164</b>	Filing Date 12 February 2004	Examiner	Group Art Unit	
Title: FAIR SHARE SCHEDULING OF MULTIPLE SERVICE CLASSES WITH PRIORITIZED SHAPING				
Address to: Assistant Commissioner for Patents Washington, D.C. 20231				
37 CFR 1.97 (b)				
1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.				
37 CFR 1.97 (c)				
2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:  1. a Final Action under 37 CFR 1.113, or  2. a Notice of Allowance under 37 CFR 1.311,  whichever occurs first.				
Also submitted herewith is:				
<input type="checkbox"/> a certification as specified in 37 CFR 1.97(e);				
OR				
<input type="checkbox"/> the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).				

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**10/776,164**

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Group Art Unit

Title: FAIR SHARE SCHEDULING OF MULTIPLE SERVICE CLASSES WITH PRIORITIZED SHAPING

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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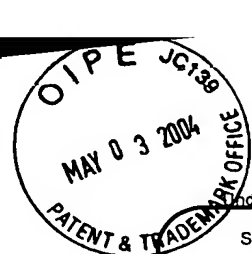
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Dated: 30 April 2004

George M. MacGregor  
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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

### Complete if Known

Application Number	10/776,164
Filing Date	12 February 2004
First Named Inventor	Brent DUCKERING
Art Unit	
Examiner Name	
Attorney Docket Number	16321-US

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,602,830	02-11-1997	Fichou et al.	
		US- 5,629,937	05-13-1997	Hayter et al.	
		US- 5,570,348	10-29-1996	Holden	
		US- 5,339,311	08-16-1994	Turner	
		US- 5,260,935	11-09-1993	Turner	
		US- 5,499,238	03-12-1996	Shon	
		US- 5,748,614	05-05-1998	Wallmeier	
		US- 5,831,971	11-03-1998	Bonomi et al.	
		US- 5,982,748	11-09-1999	Vin et al.	
		US- 6,031,822	02-29-2000	Wallmeier	
		US- 6,094,687	07-25-2000	Drake, Jr. et al.	
		US- 5,724,513	03-03-1998	Ben-Nun et al.	
		US- 5,361,253	11-01-1994	Feijen et al.	
		US- 5,831,980	11-03-1998	Varma et al.	
		US- 6,438,134 B1	08-20-2002	Chow et al.	
		US- 6,108,307	08-22-2000	McConnell et al.	
		US- 5,757,771	05-26-1998	Li et al.	
		US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
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Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/776,164
				Filing Date	12 February 2004
				First Named Inventor	Brent DUCKERING
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	16321-US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	T <sup>2</sup>
		REXFORD, Jennifer et al., "Scalable architectures for integrated traffic shaping and link scheduling in high-speed ATM switches", IEEE, Journal on Selected Areas in Communications, Vol. 15, No. 5, 1997, pages 938-950.	
		PEHA, Jon M., "The priority token bank: integrated scheduling and admission control for an integrated-services network", IEEE, 1993, pages 345-351.	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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